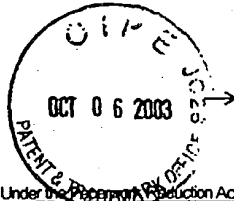


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Application No. <u>09/24552</u>	Prepared by <u>DM</u>	Tracking Number <u>05883132</u>	
Examiner-GAU <u>KUNZ-1647</u>	Date <u>1/21/04</u>	Week Date <u>12/29/03</u>	
	No. of queries <u>1</u>	IFU	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	<u>p. PTO-1449</u>
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004761US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	360	2003/0073655 A1	04-17-2003	Chain	
	370	2003/0068325 A1	04-10-2003	Wang	
	378	2002/0197258 A1	12-26-2003	Ghanbari et al.	
	368	2002/0187157 A1	12-12-2002	Jensen et al.	
	377	2002/0168377 A1	11-14-2002	Schaetzl	
	340	2002/0162129 A1	10-31-2002	Lannfelt	
	395	2002/0160394 A1	10-31-2002	Wu	
	379	2002/0132268 A1	09-19-2002	Chang et al.	
	365	2002/0133001 A1	09-19-2002	Gefter et al.	
	362	2002/0094335 A1	07-18-2002	Chalifour et al.	
	376	2002/0086847 A1	07-04-2002	Chain	
	405	6,399,314 B1	06-04-2002	Krishnamurthy	
	342	2002/0009445 A1	01-24-2002	Du et al.	
	381	2001/0021769 A1	09-13-2001	Prusiner	
	401	6,284,533 B1	09-04-2001	Thomas	
	345	2002/0077288 A1	06-21-2001	Frangione	
	346	5,935,927	08-10-1999	Vitek et al.	
	382	5,846,533	12-08-1998	Prusiner	
	353	5,824,322	10-20-1998	Balasubramanian	
	357	5,776,468 B1	07-07-1998	Hauser et al.	
	380	5,750,361	05-12-1998	Prusiner et al.	
	373	5,721,130	02-24-1998	Seubert et al.	
	356	5,622,701	04-22-1997	Berg	
	358	5,583,112 B2	12-10-1996	Kensil et al.	
	403	5,464,823	11-07-1995	Lehrer et al.	
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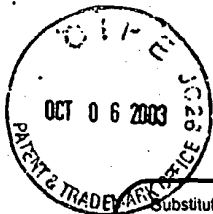
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 5

Complete if Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Schenk, Dale B.
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	15270J-004761US

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ²	Number ⁴	Kind Code ⁵ (if known)				
	343	EP	1 172 378	A1	01-16-2002			
	351	WO	02/34878	A2	05-02-2002			
	352	WO	02/34777	A1	05-02-2002			
	341	WO	02/03911	A2	04-07-2001			
	344	WO	01/90182	A2	11-29-2001			
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	383	WO	97/10505	A1	03-20-1997			

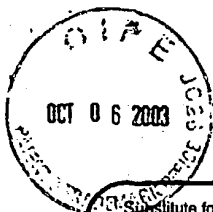
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known	
		Application Number	09/724,552
		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Art Unit	1647
		Examiner Name	Christopher J. Nichols
Sheet 3 of 5	Attorney Docket Number	15270J-004761US	

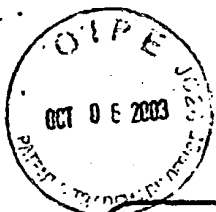
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	391	AGUZZI et al., "Prion research: the next frontiers," <u>Nature</u> , 389:795-798 (1997).	
	393	AKIYAMA et al., "Inflammation and Alzheimer's disease," <u>Neurobiology of Aging</u> , 21:383-421 (2000).	
	372	AKIYAMA et al., "Occurrence of the Diffuse Amyloid β -Protein (A β) Deposits With Numerous A β -Containing Glial Cells in the Cerebral Cortex of Patients With Alzheimer's Disease," <u>Glia</u> , 25:324-331 (1999).	
	404	BENJAMINI and LESKOWITZ, from <u>IMMUNOLOGY A Short Course</u> , Second Edition, Chapter 4, Antibody Structure, pages 49-65, 1991, published by Wiley-Liss, Inc., New York, New York.	
	349	CHECK, "Battle of the Mind," <u>Nature</u> , 422:370-372 (March 2003).	
	390	DIOMEDE et al., "Activation effects of a prion protein fragment [PrP-(106-126)] on human leucocytes," <u>Biochem. J.</u> , 320:53-570 (1996).	
	363	DODART, "Immunotherapy for Alzheimer's disease: will vaccination work?" <u>Trends in Molecular Medicine</u> , 9(3):85-87 (2003).	
	386	FRATUTSCHY et al., "Effects of injected Alzheimer β -amyloid cores in rat brain," <u>PNAS</u> , 88:8362-8366 (1991).	
	364	FURLAN et al., "Vaccination with amyloid- β peptide induces autoimmune encephalomyelitis in C57/BL6 mice," <u>Brain</u> , 126:285-291 (2003).	
	388	GOLDFARB et al., "The Transmissible Spongiform Encephalopathies," <u>Ann. Rev. Med.</u> , 46:57-65 (1995).	
	397	GOLDSTEINS et al., "Goldsteins et al., Exposure of cryptic epitopes on transthyretin only in amypoid and in amyloidogenic mutants," <u>PNAS</u> , 96:3108-3113 (1999).	
	374	JAKES et al., "Characterisation of an Antibody Relevant to the Neuropathology of Alzheimer Disease," <u>Alzheimer Disease and Associated Disorders</u> , 9(1):47-51, Raven Press, Ltd., New York (1995).	
	371	JOHNSTONE et al., Nuclear and Cytoplasmic Localization of the β -Amyloid Peptide (1-43) in Transfected 293 Cells," <u>Biochemical and Biophysical Research Communications</u> , 220:710-718 (1996).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,552
		Filing Date	November 28, 2000
		First Named Inventor	Schenk, Dale B.
		Art Unit	1647
		Examiner Name	Christopher J. Nichols
		Attorney Docket Number	15270J-004761US
Sheet	4	of	5

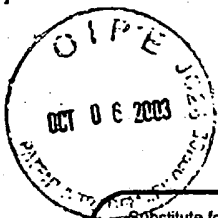
347	JORBECK et al., "Artificial <i>Salmonella</i> Vaccines: <i>Salmonella typhimurium</i> O-antigen-Specific Oligosaccharide-Protein Conjugates Elicit Opsonizing Antibodies that Enhance Phagocytosis," <i>Infection and Immunity</i> , May:497-502 (1981).	
389	KOVÁCS et al., "Mutations of the Prion Protein Gene Phenotypic Spectrum," <i>J. Neurol.</i> , 249:1567-1582 (2002).	
367	MONSONEGO et al., "Immune hyporesponsiveness to amyloid β -peptide in amyloid precursor protein transgenic mice: Implications for the pathogenesis and treatment of Alzheimer's disease," <i>PNAS</i> , 98(18):10273-10278 (2001).	
359	MUNCH et al., "Potential neurotoxic inflammatory response to A β vaccination in humans," (2002) <i>J. Neural Transm.</i> , 109:1081-1087.	
355	MUNSON ed., "Principals of Pharmacology: Basic Concepts & Clinical Applications," (1995), 47-48, Chapman & Hall, New York, New York.	
354	MUTSCHLER et al., "Drug Actions: Basic Principles and Therapeutic Aspects," (1995) 7, 11-12, <i>medpharm</i> Scientific Publishers, Stuttgart, Germany.	
350	NICOLL et al., "Neuropathology of human Alzheimer's disease after immunization with amyloid- β peptide: a case report," <i>Nature Medicine</i> , 9(4):448-452 (April 2003).	
398	PALHA et al., "Antibody recognition of amyloidogenic transthyretin variants in serum of patients with familial amyloidotic polyneuropathy," <i>J. Mol. Med.</i> , 7:703-707 (2001).	
406	PAN et al., "Antibodies to β -Amyloid Decrease the Blood-to-Brain Transfer of β -Amyloid Peptide," <i>Exp. Biol. Med.</i> , 227(8):609-615 (2002).	
394	PRUSINER et al., "Ablation of the prion protein (PrP) gene in mice prevents scrapie and facilitates production of anti-PrP antibodies," <i>PNAS</i> , 90:10608-10612 (1993).	
396	SIGURDSSON et al., "Anti-priori antibodies for prophylaxis following prion exposure in mice," <i>Neurosciences Letters</i> , 336:185-187 (2003).	
384	SIGURDSSON et al., "Immunization Delays the Onset of Prion Disease in Mice," <i>American Journal of Pathology</i> , 161:13-17 (2002).	
400	SIGURDSSON et al., "A safer vaccine for Alzheimer's disease?", <i>Neurobiology of Aging</i> , 23:1001-1008 (2002).	
368	SIPE, "Amyloidosis," <i>Annu. Rev. Biochem.</i> , 61:947-975 (1992).	

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		Application Number	09/724,552		
		Filing Date	November 28, 2000		
		First Named Inventor	Schenk, Dale B.		
		Art Unit	1647		
		Examiner Name	Christopher J. Nichols		
Sheet	5	of	5	Attorney Docket Number	15270J-004761US

	369	SPOONER et al., "The generation and characterization of potentially therapeutic A β antibodies in mice: differences according to strain and Immunization protocol," <u>Vaccine</u> , 21:290-297 (2002).	
	361	SU et al., "Intravascular infusions of soluble β -amyloid compromise the blood-brain barrier, activate CNS Glial cells and induce peripheral hemorrhage," <u>Brain Research</u> , 818:105-107 (1999).	
	392	TAL et al., "Complete Freund's Adjuvant Immunization Prolongs Survival in Experimental Prion Disease in Mice," <u>Journal of Neuroscience Research</u> , 71:286-290 (2003).	
	399	TAN et al., "Amyloidosis," <u>Histopathology</u> , 25:403-414 (1994).	
	375	TSUZUKI et al., "Amyloid β protein in rat soleus in choroquine-induced myopathy using end-specific antibodies for A β 40 and A β 42: Immunohistochemical evidence for amyloid β protein," <u>Neuroscience Letters</u> , 2002:77-80 (1995).	
	387	WELDON et al., "Neurotoxicity of A β Peptide: Confocal Imaging of Cellular Changes Induced by - Amyloid in Rat CNS <i>In Vivo</i> ," <u>Society for Neuroscience Abstracts</u> , 22(Part 1) (1996). ****	
	385	WISNIEWSKI et al., "Therapeutics in Alzheimer's and Prion Diseases," <u>Biochemical Society Transactions</u> , 30(4):-574-587 (2002).	

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